

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An extrusion molding machine, ~~which is characterized by comprising:~~

a storage bin ~~for supplying to supply~~ a foam material to be molded into a foam body[,];

a cylinder and a screw ~~for mixing to mix~~ and ~~transporting transport~~ the foam material from ~~the~~ storage bin[,];

~~a mold provided at cylinder a front end[,] of the cylinder;~~

~~a tank provided with connected to a piping connecting that connects the storage bin and the screw, and storing the tank stores a foaming fluid for foaming that foams the above-mentioned foam material[,]; and~~

~~a heater for melting to heat the foam material and at the same time heating the foaming fluid by a plurality of stages from a base end of the cylinder near the storage bin to the front end from [[the]] an initial temperature below [[its]] a boiling point of the foaming fluid to [[the]] a final temperature of its total vaporization at which the foaming fluid is completely vaporized, wherein~~

~~the foaming fluid is water, and~~

~~a first stage of the plurality of stages of the heater is set above 60°C and below 100°C, and a final stage of the plurality of stages is set above 160°C and below 240°C.~~

2. (Canceled).

3. (Currently Amended) The extrusion molding machine ~~as described in~~ according to Claim 1 or Claim 2, ~~which is characterized by~~ wherein

the foam material is provided in a form of particles, and
a vibrating mechanism effecting to effect intermittent vibration laterally on [[the]] a
side of the above-mentioned storage bin, with such foam material in particulate state is
provided.

4. (Currently Amended) The extrusion molding machine as described in according to
Claim 3, which is characterized by wherein
the vibrating mechanism comprises an electric motor and a cam mounted thereon to
effect on the electric motor, and
the cam effects the vibration of the storage bin by intermittently knocking the side of
the storage bin by the cam driven by in accordance with a drive of the electric motor.

5. (Currently Amended) The extrusion molding machine as described in any one of
Claims 1-4 according to Claim 1, which is characterized by wherein
the mold is provided with multiple apertures for extrusion, and
with such the multiple apertures are dispersively arranged in equal-shaped so that
triangles formed defined by three neighboring apertures of the multiple apertures assume an
equal shape.

6 (Currently Amended) The extrusion molding machine as described in according to
Claim 5, which is characterized by such wherein
the multiple apertures [[in]] have a circular shape, and
a diameter of the multiple apertures is 1.8 mm-2.2 mm in diameter.

7. (Currently Amended) The extrusion molding machine ~~as described in any one of Claims 1-6 according to Claim 1, which is characterized by further comprising:~~ a temperature control device ~~to adjust the~~ ~~that~~ adjusts a temperature of ~~the~~ mold in the a range of 160°C-220°C.

8. (Currently Amended) [[The]] An extrusion molding machine, ~~as described in any one of Claims 1-7, which is characterized by comprising:~~

a storage bin to supply a foam material to be molded into a foam body;
a cylinder and a screw to mix and transport the foam material from the storage bin;
a shearing device in place of the above mentioned mold, set up at one side of the
above mentioned cylinder, rotating at a certain speed to cut [[the]] an extruded foam body
from the cylinder;
a tank connected to a piping that connects the storage bin and the screw, and the tank
stores a foaming fluid that foams the foam material; and
a heater to heat the foam material and the foaming fluid by a plurality of stages from a
base end of the cylinder near the storage bin to the front end from an initial temperature
below a boiling point of the foaming fluid to a final temperature at which the foaming fluid is
completely vaporized, wherein
the foaming fluid is water, and
a first stage of the plurality of stages of the heater is set above 60°C and below 100°C,
and a final stage of the plurality of stages is set above 160°C and below 240°C.